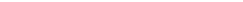


<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete If Known</p>	
Sheet	1	of	2	Application Number	10/607,525
				Filing Date	June 25, 2003
				First Named Inventor	Valéry M. Dubin
				Art Unit	2813
				Examiner Name	ERIK KIELIN
				Attorney Docket Number	42P16623

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.¹	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code² (if known)			
CK	1	US-5,780,101	07-14-1998	Nolan, et al.	
↑	2	US-5,965,267	10-12-1999	Nolan, et al.	
	3	US-2001/0024633 A1	09-27-2001	Lee, et al.	
	4	US-2001/0009693 A1	07-26-2001	Lee, et al.	
	5	US-6,325,909 B1	12-04-2001	Li, et al.	
	6	US-6,303,094	10-16-2001	Kusunoki, et al.	
	7	US-6,495,258 B1	12-17-2002	Chen, et al.	
	8	US-6,445,006 B1	09-03-2002	Brandes, et al.	
	9	US-6,361,861 B2	03-26-2002	Gao, et al.	
	10	US-2002/0172767 A1	11-21-2002	Grigorian, et al.	
	11	US-6,350,488 B1	02-26-2002	Lee, et al.	
	12	US-6,420,293 B1	07-16-2002	Chang, et al.	
	13	US-6,440,761 B1	08-27-2002	Choi	
	14	US-2002/0197752 A1	12-26-2002	Choi	
	15	US-6,531,828 B2	03-11-2003	Yaniv, et al.	
	16	US-2003/0064169 A1	04-03-2003	Hong, et al.	
CK	17	US-6,528,020 B1	03-04-2003	Dai, et al.	
		US-			
		US-			
		US-			

Examiner Signature		Date Considered	21 June 2005
-----------------------	---	--------------------	--------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (05-03) as modified by Blakely, Solokoff, Taylor & Zafman (w/r) 05/02/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet

2

of

2

Complete If Known

Application Number	10/607525
Filing Date	June 25, 2003
First Named Inventor	Valery M. Dubin
Art Unit	2813
Examiner Name	E. Kielin
Attorney Docket Number	42P16623

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EK	18	DUBIN, ET AL., "PACKAGING OF INTEGRATED CIRCUITS WITH CARBON NANO-TUBE ARRAYS TO ENHANCE HEAT DISSIPATION THROUGH A THERMAL INTERFACE", Application no: 107357,927, Filed: 2/3/03, 28 Pgs.	
EK	19	LI, ET AL., "HIGHLY-ORDERED CARBON NANOTUBE ARRAYS FOR ELECTRONICS APPLICATIONS", Applied Physics Letters, Volume 75, No. 3, July 19, 1999, Pgs. 367-369.	
EK	20	WEI, ET AL., "ORGANIZED ASSEMBLY OF CARBON NANOTUBES", Nature, Vol. 416, April 4, 2002, Macmillan Magazines Ltd., Pgs. 495-496.	
EK	21	PAPADOPOULOS, ET AL., "ELECTRONIC TRANSPORT IN Y-JUNCTION CARBON NANOTUBES", Physical Review Letters, Vol. 85, No. 16, October 16,2000, The American Physical Society, Pgs. 3476-3479	
EK	22	LI, ET AL., "GROWING Y-JUNCTION CARBON NANOTUBES", Nature, Vol. 402, November 18, 1999, Macmillan Magazines Ltd., Pgs. 253-254.	
EK	23	LIU, ET AL., "FULLERENE PIPES", Science, Vol. 280, May 22, 1998, Pgs. 1253-1256.	
EK	24	AVOURIS, ET AL., "CARBON NANOTUBE ELECTRONICS", Abstract No. 52, Philadelphia meeting abstracts Vol. 2002-1, 201st Meeting of The Electrochemical Society, Philadelphia, PA, May 2002, 3 Pgs.	
EK	25	ZHANG, ET AL., "SUBSTRATE-SITE SELECTIVE GROWTH OF ALIGNED CARBON NANOTUBES", Applied Physics Letters, Vol. 77, No. 23, December 4, 2000, American Institute of Physics, Pgs. 3764-3766.	
EK	26	BOWER, ET AL., "PLASMA-INDUCED ALIGNMENT OF CARBON NANOTUBES", Applied Physics Letters, Vol. 77, No. 6, August 7, 2000, American Institute of Physics, Pgs. 830-832.	
EK	27	FAN, ET AL., "SELF-ORIENTED REGULAR ARRAYS OF CARBON NANOTUBES AND THEIR FIELD EMISSION PROPERTIES", Science, Vol. 283, January 22, 1999, Pgs. 512-514.	

Examiner Signature

E — K —

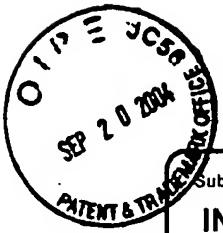
Date Considered

21 June 2003

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (05-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 05/02/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheep

1

of

1

<i>Complete if Known</i>	
Application Number	10/607,525
Filing Date	June 25, 2003
First Named Inventor	Valery M. Dubin
Art Unit	2811 2813
Examiner Name	Not yet Assigned KIELIN,
Attorney Docket Number	42P16623

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner
Signature

Erik

Date
Considered

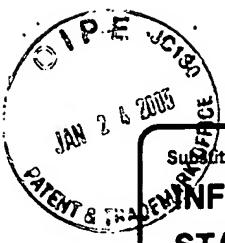
21 June 2005

**Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.*

¹Applicant's unique citation designation number (optional).See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solakoff, Taylor & Zafman (wlr) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Substitute for form 1449A/PTO DEMAILED INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete If Known
Sheet	1	of 2
		Application Number 10/607,525
		Filing Date June 25, 2003
		First Named Inventor Valery M. Dubin
		Art Unit 2811 2813
		Examiner Name Nitin Parekh KIELIN, ERIK
		Attorney Docket Number 42P16623

Examiner Signature: E. K. Date Considered: 6/21/2005

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

**Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 18 if possible. *Applicant is to place a check mark here if English language Translation is attached*

Based on PTO/SB/03A (03-03) as modified by Blakey, Salokoff, Taylor & Zafman (w/r) 08/11/2003

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
Sheet	2	of	2
		Application Number	10/607,525
		Filing Date	June 25, 2003
		First Named Inventor	Valery M. Dubin
		Art Unit	2811
		Examiner Name	Nitin Parekh
		Attorney Docket Number	42P16623

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
EJK	2	SHIN, JG, Electromagnetic wave shielding heat-sink plate using carbon nanotube, Derwent, May 23, 2002

Examiner Signature		Date Considered	6/21/2005
--------------------	--	-----------------	-----------

***Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.**

Applicant's unique citation designation number. Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/089 (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (w/r) 08/11/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450